

Segment ID: 0402A **Water body name:** Black Cypress Bayou (unclassified water body)

Freshwater Stream

Cypress Creek Basin

Total size:

56 Miles

Assessment Year	Assessment Method	Status of Use Support or Concern	Location	Location size	# of samples	# of exceedances	Mean
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Aquatic Life Use

2004	Dissolved Oxygen grab average	No Concern-Limited Data	Lower 15 miles of water body	15	20	1	
2004	Dissolved Oxygen grab average	Not Assessed	Middle 1 mile, Pruitt Lake	1	4	2	
2004	Dissolved Oxygen grab average	Use Concern	Middle 13 miles near FM 250	13	15	2	
2004	Dissolved Oxygen grab average	No Concern	Middle 17 miles near CR 1617	17	14	1	
2004	Dissolved Oxygen grab average	Not Assessed	Upper 10 miles of water body	10	5	2	
2004	Dissolved Oxygen grab minimum	Fully Supporting	Lower 15 miles of water body	15	20	0	
2004	Dissolved Oxygen grab minimum	No Concern-Limited Data	Middle 1 mile, Pruitt Lake	1	4	0	
2004	Dissolved Oxygen grab minimum	Fully Supporting	Middle 13 miles near FM 250	13	15	0	
2004	Dissolved Oxygen grab minimum	Fully Supporting	Middle 17 miles near CR 1617	17	14	1	
2004	Dissolved Oxygen grab minimum	Use Concern-Limited Data	Upper 10 miles of water body	10	5	2	
2004	Dissolved Oxygen 24hr average	Partially Supporting	Lower 15 miles of water body	15	11	3	
2004	Dissolved Oxygen 24hr average	Not Assessed	Middle 1 mile, Pruitt Lake	1	0		
2004	Dissolved Oxygen 24hr average	Use Concern-Limited Data	Middle 13 miles near FM 250	13	8	1	
2004	Dissolved Oxygen 24hr average	Partially Supporting	Middle 17 miles near CR 1617	17	9	3	
2004	Dissolved Oxygen 24hr average	Partially Supporting	Upper 10 miles of water body	10	10	3	
2004	Dissolved Oxygen 24hr minimum	Use Concern	Lower 15 miles of water body	15	11	2	
2004	Dissolved Oxygen 24hr minimum	Not Assessed	Middle 1 mile, Pruitt Lake	1	0		
2004	Dissolved Oxygen 24hr minimum	Use Concern-Limited Data	Middle 13 miles near FM 250	13	8	1	
2004	Dissolved Oxygen 24hr minimum	Use Concern-Limited Data	Middle 17 miles near CR 1617	17	9	2	
2004	Dissolved Oxygen 24hr minimum	Partially Supporting	Upper 10 miles of water body	10	10	3	

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Aquatic Life Use (continued)

2004	Acute Metals in water Cadmium	No Concern-Limited Data	Lower 15 miles of water body	15	7	0	
2004	Acute Metals in water Cadmium	Not Assessed	Middle 1 mile, Pruitt Lake	1	0		
2004	Acute Metals in water Cadmium	Not Assessed	Middle 13 miles near FM 250	13	2	0	
2004	Acute Metals in water Cadmium	Not Assessed	Middle 17 miles near CR 1617	17	2	0	
2004	Acute Metals in water Cadmium	Not Assessed	Upper 10 miles of water body	10	1	0	
2004	Acute Metals in water Copper	Use Concern-Limited Data	Lower 15 miles of water body	15	7	1	
2004	Acute Metals in water Copper	Not Assessed	Middle 1 mile, Pruitt Lake	1	0		
2004	Acute Metals in water Copper	Not Assessed	Middle 13 miles near FM 250	13	2	0	
2004	Acute Metals in water Copper	Not Assessed	Middle 17 miles near CR 1617	17	2	0	
2004	Acute Metals in water Copper	Not Assessed	Upper 10 miles of water body	10	1	0	
2004	Acute Metals in water Lead	No Concern-Limited Data	Lower 15 miles of water body	15	7	0	
2004	Acute Metals in water Lead	Not Assessed	Middle 1 mile, Pruitt Lake	1	0		
2004	Acute Metals in water Lead	Not Assessed	Middle 13 miles near FM 250	13	2	0	
2004	Acute Metals in water Lead	Not Assessed	Middle 17 miles near CR 1617	17	2	0	
2004	Acute Metals in water Lead	Not Assessed	Upper 10 miles of water body	10	1	0	
2004	Chronic Metals in water Cadmium	No Concern-Limited Data	Lower 15 miles of water body	15	7		
2004	Chronic Metals in water Cadmium	Not Assessed	Middle 1 mile, Pruitt Lake	1	0		
2004	Chronic Metals in water Cadmium	Not Assessed	Middle 13 miles near FM 250	13	2	0	
2004	Chronic Metals in water Cadmium	Not Assessed	Middle 17 miles near CR 1617	17	2		
2004	Chronic Metals in water Cadmium	Not Assessed	Upper 10 miles of water body	10	1	0	
2004	Chronic Metals in water Copper	No Concern-Limited Data	Lower 15 miles of water body	15	7		
2004	Chronic Metals in water Copper	Not Assessed	Middle 1 mile, Pruitt Lake	1	0		

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Aquatic Life Use (continued)

2004	Chronic Metals in water Copper	Not Assessed	Middle 13 miles near FM 250	13	2	0	0.92
2004	Chronic Metals in water Copper	Not Assessed	Middle 17 miles near CR 1617	17	2	0	
2004	Chronic Metals in water Copper	Not Assessed	Upper 10 miles of water body	10	1	0	
2004	Chronic Metals in water Lead	No Concern-Limited Data	Lower 15 miles of water body	15	7	0	
2004	Chronic Metals in water Lead	Not Assessed	Middle 1 mile, Pruitt Lake	1	0	0	1.11
2004	Chronic Metals in water Lead	Not Assessed	Middle 13 miles near FM 250	13	2	0	
2004	Chronic Metals in water Lead	Not Assessed	Middle 17 miles near CR 1617	17	2	0	
2004	Chronic Metals in water Lead	Not Assessed	Upper 10 miles of water body	10	1	0	
2002	Macrobenthos Community	No Concern-Limited Data	Lower 15 miles of water body	15	1	0	27.5
2002	Macrobenthos Community	No Concern-Limited Data	Middle 13 miles near FM 250	13	1	0	23.5
2002	Macrobenthos Community	No Concern-Limited Data	Middle 17 miles near CR 1617	17	1	0	28
2002	Macrobenthos Community	No Concern-Limited Data	Upper 10 miles of water body	10	1	0	25.5
2002	Fish Community	No Concern-Limited Data	Lower 15 miles of water body	15	1	0	49.5
2002	Fish Community	No Concern-Limited Data	Middle 13 miles near FM 250	13	1	0	54
2002	Fish Community	No Concern-Limited Data	Middle 17 miles near CR 1617	17	1	0	49.5
2002	Fish Community	No Concern-Limited Data	Upper 10 miles of water body	10	1	0	47
2004	Overall Aquatic Life Use	Partially Supporting	Lower 15 miles of water body	15			
2004	Overall Aquatic Life Use	Not Assessed	Middle 1 mile, Pruitt Lake	1			

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Aquatic Life Use (continued)

2004	Overall Aquatic Life Use	Fully Supporting	Middle 13 miles near FM 250	13			
2004	Overall Aquatic Life Use	Partially Supporting	Middle 17 miles near CR 1617	17			
2004	Overall Aquatic Life Use	Partially Supporting	Upper 10 miles of water body	10			

Contact Recreation Use

2002	E. coli single sample	Not Assessed	Lower 15 miles of water body	15	0		
2002	E. coli single sample	Not Assessed	Middle 1 mile, Pruitt Lake	1	0		
2002	E. coli single sample	Not Assessed	Middle 13 miles near FM 250	13	0		
2002	E. coli single sample	Not Assessed	Middle 17 miles near CR 1617	17	0		
2002	E. coli single sample	Not Assessed	Upper 10 miles of water body	10	0		
2002	E. coli geometric mean	Not Assessed	Lower 15 miles of water body	15	0		
2002	E. coli geometric mean	Not Assessed	Middle 1 mile, Pruitt Lake	1	0		
2002	E. coli geometric mean	Not Assessed	Middle 13 miles near FM 250	13	0		
2002	E. coli geometric mean	Not Assessed	Middle 17 miles near CR 1617	17	0		
2002	E. coli geometric mean	Not Assessed	Upper 10 miles of water body	10	0		
2002	Fecal coliform single sample	No Concern-Limited Data	Lower 15 miles of water body	15	8	1	
2002	Fecal coliform single sample	No Concern-Limited Data	Middle 1 mile, Pruitt Lake	1	4	0	
2002	Fecal coliform single sample	Not Assess-Not Represent	Middle 13 miles near FM 250	13	5	1	
2002	Fecal coliform single sample	Not Assess-Not Represent	Middle 17 miles near CR 1617	17	5	0	
2002	Fecal coliform single sample	No Concern-Limited Data	Upper 10 miles of water body	10	5	1	
2002	Fecal coliform geometric mean	No Concern-Limited Data	Lower 15 miles of water body	15	8		80

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Contact Recreation Use (continued)

2002	Fecal coliform geometric mean	No Concern-Limited Data	Middle 1 mile, Pruitt Lake	1	4		70
2002	Fecal coliform geometric mean	Not Assess-Not Represent	Middle 13 miles near FM 250	13	5		141
2002	Fecal coliform geometric mean	Not Assess-Not Represent	Middle 17 miles near CR 1617	17	5		90
2002	Fecal coliform geometric mean	No Concern-Limited Data	Upper 10 miles of water body	10	5		141
2002	Overall Recreation Use	Not Assessed	Lower 15 miles of water body	15			
2002	Overall Recreation Use	Not Assessed	Middle 1 mile, Pruitt Lake	1			
2002	Overall Recreation Use	Not Assessed	Middle 13 miles near FM 250	13			
2002	Overall Recreation Use	Not Assessed	Middle 17 miles near CR 1617	17			
2002	Overall Recreation Use	Not Assessed	Upper 10 miles of water body	10			

Fish Consumption Use

2002	Advisories and Closures Restricted-Consumption	Partially Supporting	Middle 1 mile, Pruitt Lake	1			
2002	Human Health Criteria	No Concern-Limited Data	Lower 15 miles of water body	15	5		
2002	Human Health Criteria	Fully Supporting	Middle 1 mile, Pruitt Lake	1	23		
2002	Human Health Criteria	Not Assessed	Middle 13 miles near FM 250	13	1		
2002	Human Health Criteria	Not Assessed	Middle 17 miles near CR 1617	17	1		
2002	Human Health Criteria	Not Assessed	Upper 10 miles of water body	10	2		
2002	Overall Fish Consumption Use	Not Assessed	Lower 15 miles of water body	15			
2002	Overall Fish Consumption Use	Partially Supporting	Middle 1 mile, Pruitt Lake	1			
2002	Overall Fish Consumption Use	Not Assessed	Middle 13 miles near FM 250	13			
2002	Overall Fish Consumption Use	Not Assessed	Middle 17 miles near CR 1617	17			

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Fish Consumption Use (continued)

2002	Overall Fish Consumption Use	Not Assessed	Upper 10 miles of water body	10			
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Overall Use Support

2004		Partially Supporting	Lower 15 miles of water body	15			
2004		Partially Supporting	Middle 1 mile, Pruitt Lake	1			
2004		Fully Supporting	Middle 13 miles near FM 250	13			
2004		Partially Supporting	Middle 17 miles near CR 1617	17			
2004		Partially Supporting	Upper 10 miles of water body	10			

Nutrient Enrichment Concern

2002	Ammonia Nitrogen	No Concern	Lower 15 miles of water body	15	13	0	
2002	Ammonia Nitrogen	No Concern	Middle 1 mile, Pruitt Lake	1	13	0	
2002	Ammonia Nitrogen	Not Assessed	Middle 13 miles near FM 250	13	6	0	
2002	Ammonia Nitrogen	Not Assessed	Middle 17 miles near CR 1617	17	6	0	
2002	Ammonia Nitrogen	Not Assessed	Upper 10 miles of water body	10	5	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Lower 15 miles of water body	15	13	0	
2002	Nitrite + Nitrate Nitrogen	No Concern	Middle 1 mile, Pruitt Lake	1	13	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Middle 13 miles near FM 250	13	6	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Middle 17 miles near CR 1617	17	6	0	
2002	Nitrite + Nitrate Nitrogen	Not Assessed	Upper 10 miles of water body	10	5	0	
2002	Orthophosphorus	No Concern	Lower 15 miles of water body	15	13	0	
2002	Orthophosphorus	No Concern	Middle 1 mile, Pruitt Lake	1	13	0	
2002	Orthophosphorus	Not Assessed	Middle 13 miles near FM 250	13	6	0	
2002	Orthophosphorus	Not Assessed	Middle 17 miles near CR 1617	17	6	0	
2002	Orthophosphorus	Not Assessed	Upper 10 miles of water body	10	4	0	

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Nutrient Enrichment Concern (continued)

2002	Total Phosphorus	No Concern	Lower 15 miles of water body	15	13	0	
2002	Total Phosphorus	No Concern	Middle 1 mile, Pruitt Lake	1	13	0	
2002	Total Phosphorus	Not Assessed	Middle 13 miles near FM 250	13	6	0	
2002	Total Phosphorus	Not Assessed	Middle 17 miles near CR 1617	17	6	0	
2002	Total Phosphorus	Not Assessed	Upper 10 miles of water body	10	5	0	
2002	Overall Nutrient Enrichment Concerns	No Concern	Lower 15 miles of water body	15			
2002	Overall Nutrient Enrichment Concerns	No Concern	Middle 1 mile, Pruitt Lake	1			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Middle 13 miles near FM 250	13			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Middle 17 miles near CR 1617	17			
2002	Overall Nutrient Enrichment Concerns	Not Assessed	Upper 10 miles of water body	10			

Algal Growth Concern

2002	Chlorophyll a	No Concern	Lower 15 miles of water body	15	13	0	
2002	Chlorophyll a	No Concern	Middle 1 mile, Pruitt Lake	1	13	0	
2002	Chlorophyll a	Not Assessed	Middle 13 miles near FM 250	13	6	0	
2002	Chlorophyll a	Not Assessed	Middle 17 miles near CR 1617	17	6	0	
2002	Chlorophyll a	Not Assessed	Upper 10 miles of water body	10	4	0	

Sediment Contaminants Concern

2002	85% Metals in sediment Barium	Not Assessed	Middle 1 mile, Pruitt Lake	1	7	7	
2002	85% Metals in sediment Chromium	Not Assessed	Middle 1 mile, Pruitt Lake	1	7	3	
2002	85% Metals in sediment Lead	Not Assessed	Middle 1 mile, Pruitt Lake	1	7	5	

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Sediment Contaminants Concern (continued)

2002	85% Metals in sediment Manganese	Not Assessed	Middle 1 mile, Pruitt Lake	1	7	7	
2002	85% Metals in sediment Mercury	Not Assessed	Middle 1 mile, Pruitt Lake	1	7	6	
2002	85% Metals in sediment Nickel	Not Assessed	Middle 1 mile, Pruitt Lake	1	7	6	
2002	85% Metals in sediment Selenium	Not Assessed	Middle 1 mile, Pruitt Lake	1	7	3	
2002	85% Metals in sediment Zinc	Not Assessed	Middle 1 mile, Pruitt Lake	1	6	6	
2002	Metals in sediment	Not Assessed	Lower 15 miles of water body	15	1		
2002	Organics in sediment	Not Assessed	Middle 1 mile, Pruitt Lake	1	1		
2002	Overall Sediment Contaminant Concerns	Not Assessed	Lower 15 miles of water body	15			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Middle 1 mile, Pruitt Lake	1			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Middle 13 miles near FM 250	13			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Middle 17 miles near CR 1617	17			
2002	Overall Sediment Contaminant Concerns	Not Assessed	Upper 10 miles of water body	10			

Fish Tissue Contaminants Concern

2002	Metals in fish tissue Mercury	Concern	Middle 1 mile, Pruitt Lake	1	39	26	
2002	Organics in fish tissue	Not Assessed	Middle 1 mile, Pruitt Lake	1	4		
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Lower 15 miles of water body	15			
2002	Overall Fish Tissue Contaminant Concerns	Concern	Middle 1 mile, Pruitt Lake	1			

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Fish Tissue Contaminants Concern (continued)

2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Middle 13 miles near FM 250	13			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Middle 17 miles near CR 1617	17			
2002	Overall Fish Tissue Contaminant Concerns	Not Assessed	Upper 10 miles of water body	10			

Narrative Criteria Concern

2002	Metals in sediment	Concern	Middle 1 mile, Pruitt Lake	1			
2002	Overall Narrative Criteria Concerns	No Concern	Lower 15 miles of water body	15			
2002	Overall Narrative Criteria Concerns	Concern	Middle 1 mile, Pruitt Lake	1			
2002	Overall Narrative Criteria Concerns	No Concern	Middle 13 miles near FM 250	13			
2002	Overall Narrative Criteria Concerns	No Concern	Middle 17 miles near CR 1617	17			
2002	Overall Narrative Criteria Concerns	No Concern	Upper 10 miles of water body	10			

Overall Secondary Concern

2002		No Concern	Lower 15 miles of water body	15			
2002		Concern	Middle 1 mile, Pruitt Lake	1			
2002		No Concern	Middle 13 miles near FM 250	13			
2002		No Concern	Middle 17 miles near CR 1617	17			
2002		No Concern	Upper 10 miles of water body	10			